

1    **Abstract of the Disclosure**

2            A subsea pumping assembly locates on a seafloor for pumping well fluid from subsea  
3    wells to the level. The pumping assembly has a tubular outer housing that is at least partially  
4    embedded in the seafloor. A tubular primary housing locates in the outer housing and has a  
5    lower end with a receptacle. An annular space surrounds the primary housing within the outer  
6    housing for delivering fluid to a receptacle at the lower end of the primary housing. A capsule is  
7    lowered in and retrieved from the primary housing. The capsule sealingly engages the receptacle  
8    for receiving well fluid from the annular space. A submersible pump is located inside the  
9    capsule. The pump has an intake that receives well fluid and a discharge that discharges the well  
10   fluid exterior of this capsule. The capsule has a valve in its inlet that when closed prevents  
11   leakage of well fluid from the capsule. The capsule may be retrieved through open sea without a  
12   riser.

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